



Inventor Name Search Result

Your Search was:

Last Name = WANG

First Name = LIFENG

Application#	Patent#	Status	Date Filed	Title	Inventor Name
<u>10017523</u>	Not Issued	164	12/07/2001	ACTUATION VALVE FOR CONTROLLING FUEL INJECTOR AND COMPRESSION RELEASE VALVE, AND ENGINE USING SAME	WANG, LIFENG
<u>10283562</u>	<u>6825850</u>	150	10/30/2002	SYSTEM AND PROCESS FOR OPTIMAL TEXTURE MAP RECONSTRUCTION FROM MULTIPLE VIEWS	WANG, LIFENG
<u>10295570</u>	Not Issued	95	11/15/2002	SYSTEM AND METHOD FOR FEATURE-BASED LIGHT FIELD MORPHING AND TEXTURE TRANSFER	WANG, LIFENG
<u>10601451</u>	<u>6978760</u>	150	06/23/2003	MIXED MODE FUEL INJECTOR AND INJECTION SYSTEM	WANG, LIFENG
<u>10631291</u>	Not Issued	164	07/31/2003	VARIABLE CONTROL ORIFICE MEMBER AND FUEL INJECTOR USING SAME	WANG, LIFENG
<u>10661055</u>	Not Issued	93	09/13/2003	OPTIMIZED FIXED-POINT MATHEMATICAL LIBRARY AND GRAPHICS FUNCTIONS FOR A SOFTWARE-IMPLEMENTED GRAPHICS RENDERING SYSTEM AND METHOD USING A NORMALIZED HOMOGENOUS COORDINATE SYSTEM	WANG, LIFENG
<u>10666917</u>	Not Issued	25	09/18/2003	Software-implemented transform and lighting module and pipeline for graphics rendering on embedded platforms using a fixed-point normalized homogenous coordinate system	WANG, LIFENG
<u>10698909</u>	Not Issued	30	10/31/2003	View dependent displacement mapping	WANG, LIFENG
<u>10733444</u>	<u>6973921</u>	150	12/12/2003	FUEL PUMPING SYSTEM AND METHOD	WANG, LIFENG
<u>10875741</u>	<u>6985156</u>	150	06/23/2004	SYSTEM AND PROCESS FOR OPTIMAL TEXTURE MAP RECONSTRUCTION FROM	WANG, LIFENG

				MULTIPLE VIEWS	
10983193	6999095	150	11/05/2004	SYSTEM AND PROCESS FOR OPTIMAL TEXTURE MAP RECONSTRUCTION FROM MULTIPLE VIEWS	WANG, LIFENG
11045868	Not Issued	30	01/28/2005	Decorating surfaces with textures	WANG, LIFENG
11189491	Not Issued	30	07/25/2005	Real-time rendering of partially translucent objects	WANG, LIFENG
11192639	Not Issued	30	07/28/2005	System and process for optimal texture map reconstruction from multiple views	WANG, LIFENG
11201301	Not Issued	41	08/11/2005	Fuel pumping system and method	WANG, LIFENG
60413537	Not Issued	159	09/25/2002	Mixed mode fuel injector and injection system	WANG, LIFENG
60787689	Not Issued	20	03/31/2006	Common engine and exhaust treatment fuel system	WANG, LIFENG

Inventor Search Completed: No Records to Display.

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Inventor Name Search Result

Your Search was:

Last Name = WANG

First Name = XI

Application#	Patent#	Status	Date Filed	Title	Inventor Name
<u>09468703</u>	Not Issued	61	12/21/1999	TRANSFERRING THE RIGHT TO DECODE MESSAGES	WANG, XI
<u>10450555</u>	Not Issued	95	11/17/2003	CATALYST COMPONENT FOR POLYMERIZATION OF OLEFINS, CATALYST CONTAINING THE COMPONENT AND USE OF THE SAME	WANG, XI
<u>10698909</u>	Not Issued	30	10/31/2003	View dependent displacement mapping	WANG, XI
<u>10965603</u>	Not Issued	30	10/13/2004	Real-time texture rendering using generalized displacement maps	WANG, XI
<u>10990142</u>	Not Issued	30	11/15/2004	System and method for generating generalized displacement maps from mesostructure geometries	WANG, XI
<u>10990244</u>	Not Issued	30	11/15/2004	Optimizing real-time rendering of texture mapped object models relative to adjustable distortion thresholds	WANG, XI
<u>11157657</u>	Not Issued	30	06/21/2005	Texture montage	WANG, XI
<u>11244567</u>	Not Issued	30	10/06/2005	Radioimmunoassay using nanoparticle-antibody conjugates	WANG, XI
<u>11276931</u>	Not Issued	25	03/17/2006	Surface Detail Rendering Using Leap Textures	WANG, XI
<u>11338619</u>	Not Issued	20	01/24/2006	Propylene polymer composition and oriented film prepared thereby	WANG, XI
<u>11419697</u>	Not Issued	25	05/22/2006	Encoded High Dynamic Range Textures	WANG, XI
<u>60580780</u>	Not Issued	159	06/18/2004	Real-time texture rendering using generalized displacement maps	WANG, XI
<u>60616508</u>	Not Issued	159	10/06/2004	Radioimmunoassay using nanoparticle-antibody conjugates	WANG, XI
<u>60648170</u>	Not Issued	159	01/28/2005	Gossypol hybridoma and monoclonal antibody therefrom	WANG, XI
<u>60789364</u>	Not Issued	20	04/05/2006	Method of controlling insect pests in cotton	WANG, XI
<u>60638278</u>	Not	159	12/20/2004	Notch receptor agonists and uses	WANG, XI-DE

	Issued				
<u>10566644</u>	Not Issued	25	02/22/2006	Process for the production of fine chemicals	WANG, XI-QING
<u>11251208</u>	Not Issued	25	10/14/2005	Nucleic acid sequences encoding proteins associated with abiotic stress response and plant cells and plants with increased tolerance to environmental stress	WANG, XI-QING
<u>60522708</u>	Not Issued	159	10/29/2004	VESICLE TRAFFICKING STRESS-RELATED POLYPEPTIDES AND METHODS OF USE IN PLANTS	WANG, XI-QING
<u>11150018</u>	Not Issued	30	06/10/2005	Smokeless grill	WANG, XI-ZHI
<u>11334889</u>	Not Issued	20	01/18/2006	Smokeless grill	WANG, XI-ZHI
<u>09471334</u>	<u>6553356</u>	150	12/23/1999	MULTI-VIEW COMPUTER-ASSISTED DIAGNOSIS	WANG, XIA
<u>10409993</u>	Not Issued	41	04/09/2003	Enhanced proteins and methods for their use	WANG, XIA
<u>10794454</u>	Not Issued	41	03/05/2004	Cyclic compounds and compositions as protein kinase inhibitors	WANG, XIA
<u>10909227</u>	Not Issued	30	07/29/2004	Compounds and compositions as protein kinase inhibitors	WANG, XIA
<u>60452633</u>	Not Issued	159	03/05/2003	Novel compounds and compositions as kinase inhibitors	WANG, XIA
<u>60491133</u>	Not Issued	159	07/29/2003	Compounds and compositions as protein kinase inhibitors	WANG, XIA
<u>60578491</u>	Not Issued	159	06/10/2004	Compounds and compositions as protein kinase inhibitors	WANG, XIA
<u>60582467</u>	Not Issued	159	06/23/2004	Compounds and compositions as protein kinase inhibitors	WANG, XIA
<u>60588563</u>	Not Issued	159	07/15/2004	Compounds and compositions as protein kinase inhibitors	WANG, XIA
<u>60662330</u>	Not Issued	159	03/15/2005	Compounds and compositions as protein kinase inhibitors	WANG, XIA
<u>60680892</u>	Not Issued	159	05/12/2005	Compounds and compositions as protein kinase inhibitors	WANG, XIA
<u>60696174</u>	Not Issued	20	07/01/2005	Compounds and compositions as protein kinase inhibitors	WANG, XIA
<u>60771045</u>	Not Issued	20	02/06/2006	Compounds and compositions as protein kinase inhibitors	WANG, XIA
<u>60799779</u>	Not Issued	20	05/11/2006	Compounds and compositions as protein kinase inhibitors	WANG, XIA
<u>10568245</u>	Not Issued	19	02/14/2006	Healthy bed for nursing	WANG, XIA DING
<u>60775700</u>	Not	20	02/22/2006	Thermal activation of photocatalytic	WANG, XIA-GANG

	Issued			generation of hydrogen	
11381356	Not Issued	20	05/02/2006	Techniques For Providing Flexible On-Chip Termination Control on Integrated Circuits	WANG, XIABAO
60789760	Not Issued	20	04/06/2006	Techniques for providing flexible on-chip termination control on integrated circuits	WANG, XIABAO
11198831	Not Issued	20	08/04/2005	Dynamic monitoring of activation of G-protein coupled receptor (GPCR) and receptor tyrosine kinase (RTK) in living cells using real-time microelectronic cell sensing technology	WANG, XIABO
60704601	Not Issued	20	08/02/2005	Methods and compositions for separating rare cells from fluid sample	WANG, XIABO
60557412	Not Issued	159	03/29/2004	Clay modified rubber composition and a method for manufacturing same	WANG, XIABORONG
08632504	6028198	150	04/19/1996	PHARMACEUTICAL COMPOSITION FOR PREVENTION AND TREATMENT OF MOTION SICKNESS SYNDROME	WANG, XIACHING
11136243	Not Issued	30	05/23/2005	Sulfone-containing prodrugs	WANG, XIADONG
11202258	Not Issued	30	08/10/2005	Method and system for creating and deploying a mesh network	WANG, XIADONG
60561919	Not Issued	159	04/14/2004	Collagen mimetic biomaterials	WANG, XIADONG
60664862	Not Issued	159	03/24/2005	Compounds and methods for treating dyslipidemia	WANG, XIADONG
08676732	5678489	250	07/08/1996	ELECTRICALLY-OPERATED MOVING BODY TRAVELLING ON A RAIL CAPABLE OF EXPLAINING FREE QUADRANTS DESCRIBED IN THE MOBIUS THEOREM	WANG, XIAN
09679510	6649486	150	10/06/2000	METHOD TO FORM SHALLOW TRENCH ISOLATIONS	WANG, XIAN BIN
09893080	6569770	150	06/28/2001	NEW METHOD FOR IMPROVING OXIDE EROSION OF TUNGSTEN CMP OPERATIONS	WANG, XIAN BIN

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**Inventor Name Search Result**

Your Search was:

Last Name = TONG

First Name = XING

Application#	Patent#	Status	Date Filed	Title	Inventor Name
10698909	Not Issued	30	10/31/2003	View dependent displacement mapping	TONG, XING
11334637	Not Issued	25	01/18/2006	Thermal interconnect and interface systems, methods of production and uses thereof	TONG, XINGCUN

Inventor Search Completed: No Records to Display.

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Inventor Name Search Result

Your Search was:

Last Name = GUO

First Name = BAINING

Application#	Patent#	Status	Date Filed	Title	Inventor Name
09303966	6636633	150	05/03/1999	RENDERING OF PHOTOREALISTIC COMPUTER GRAPHICS IMAGES	GUO, BAINING
09578574	6448973	150	05/25/2000	VIRTUAL TEXTURE	GUO, BAINING
09620533	6871166	150	07/23/2000	KNITWEAR MODELING	GUO, BAINING
09928257	6961058	150	08/10/2001	MACROSTRUCTURE MODELING WITH MICROSTRUCTURE REFLECTANCE SLICES	GUO, BAINING
09979630	6765574	150	03/18/2002	METHODS OF HIERARCHICAL STATIC SCENE SIMPLIFICATION AND POLYGON BUDGETING FOR 3D MODELS	GUO, BAINING
10017733	6985148	150	12/13/2001	INTERACTIVE WATER EFFECTS USING TEXTURE COORDINATE SHIFTING	GUO, BAINING
10056791	6762769	150	01/23/2002	SYSTEM AND METHOD FOR REAL-TIME TEXTURE SYNTHESIS USING PATCH-BASED SAMPLING	GUO, BAINING
10099348	Not Issued	71	03/14/2002	Dialog manager for interactive dialog with computer user	GUO, BAINING
10099673	7019749	150	03/14/2002	CONVERSATIONAL INTERFACE AGENT	GUO, BAINING
10112394	Not Issued	41	03/29/2002	Peek around user interface	GUO, BAINING
10117406	6931601	150	04/03/2002	NOISY OPERATING SYSTEM USER INTERFACE	GUO, BAINING
10283562	6825850	150	10/30/2002	SYSTEM AND PROCESS FOR OPTIMAL TEXTURE MAP RECONSTRUCTION FROM MULTIPLE VIEWS	GUO, BAINING
10295570	Not Issued	95	11/15/2002	SYSTEM AND METHOD FOR FEATURE-BASED LIGHT FIELD MORPHING AND TEXTURE TRANSFER	GUO, BAINING
10299623	Not	41	11/19/2002	System and method for synthesis of	GUO, BAINING

	Issued			bidirectional texture functions on arbitrary surfaces	
<u>10328215</u>	Not Issued	93	12/21/2002	SYSTEM AND METHOD FOR REAL TIME LIP SYNCHRONIZATION	GUO, BAINING
<u>10389122</u>	Not Issued	71	03/14/2003	Visualizing the surface of a liquid	GUO, BAINING
<u>10410730</u>	<u>6782130</u>	150	04/10/2003	RENDERING OF PHOTOREALISTIC COMPUTER GRAPHICS IMAGES	GUO, BAINING
<u>10622630</u>	Not Issued	93	07/18/2003	PLACING FEATHERS ON A SURFACE	GUO, BAINING
<u>10623425</u>	<u>7042456</u>	150	07/18/2003	MODELING AND RENDERING OF REALISTIC FEATHERS	GUO, BAINING
<u>10661055</u>	Not Issued	93	09/13/2003	OPTIMIZED FIXED-POINT MATHEMATICAL LIBRARY AND GRAPHICS FUNCTIONS FOR A SOFTWARE-IMPLEMENTED GRAPHICS RENDERING SYSTEM AND METHOD USING A NORMALIZED HOMOGENOUS COORDINATE SYSTEM	GUO, BAINING
<u>10666917</u>	Not Issued	25	09/18/2003	Software-implemented transform and lighting module and pipeline for graphics rendering on embedded platforms using a fixed-point normalized homogenous coordinate system	GUO, BAINING
<u>10684773</u>	Not Issued	83	10/14/2003	Geometry-driven feature point-based image synthesis	GUO, BAINING
<u>10698792</u>	Not Issued	93	10/31/2003	SYNTHESIS OF PROGRESSIVELY-VARIANT TEXTURES AND APPLICATION TO ARBITRARY SURFACES	GUO, BAINING
<u>10698909</u>	Not Issued	30	10/31/2003	View dependent displacement mapping	GUO, BAINING
<u>10850653</u>	Not Issued	20	05/21/2004	Knitwear modeling	GUO, BAINING
<u>10875741</u>	<u>6985156</u>	150	06/23/2004	SYSTEM AND PROCESS FOR OPTIMAL TEXTURE MAP RECONSTRUCTION FROM MULTIPLE VIEWS	GUO, BAINING
<u>10882926</u>	Not Issued	30	06/30/2004	Dynamic player groups for interest management in multi-character virtual environments	GUO, BAINING
<u>10898435</u>	Not Issued	25	07/23/2004	Shell texture functions	GUO, BAINING
<u>10911394</u>	Not Issued	30	08/04/2004	Mesh editing with gradient field manipulation and user interactive tools for object merging	GUO, BAINING
<u>10918840</u>	Not	30	08/13/2004	Perceptually based approach for planar	GUO, BAINING

	Issued			shape morphing	
10965603	Not Issued	30	10/13/2004	Real-time texture rendering using generalized displacement maps	GUO, BAINING
10983193	6999095	150	11/05/2004	SYSTEM AND PROCESS FOR OPTIMAL TEXTURE MAP RECONSTRUCTION FROM MULTIPLE VIEWS	GUO, BAINING
10990142	Not Issued	30	11/15/2004	System and method for generating generalized displacement maps from mesostructure geometries	GUO, BAINING
10990244	Not Issued	30	11/15/2004	Optimizing real-time rendering of texture mapped object models relative to adjustable distortion thresholds	GUO, BAINING
10995986	6980936	150	11/20/2004	KNITWEAR MODELING	GUO, BAINING
11000607	Not Issued	93	12/01/2004	MACROSTRUCTURE MODELING WITH MICROSTRUCTURE REFLECTANCE SLICES	GUO, BAINING
11003814	Not Issued	30	12/02/2004	Stretch-driven mesh parameterization using spectral analysis	GUO, BAINING
11045868	Not Issued	30	01/28/2005	Decorating surfaces with textures	GUO, BAINING
11064927	Not Issued	30	02/24/2005	Macrostructure modeling with microstructure reflectance slices	GUO, BAINING
11113208	Not Issued	41	04/22/2005	Interactive water effects using texture coordinate shifting	GUO, BAINING
11132166	Not Issued	20	05/18/2005	River Modeling	GUO, BAINING
11147921	Not Issued	20	06/08/2005	Pre-computed shadow fields	GUO, BAINING
11156988	Not Issued	20	06/20/2005	Radiometric calibration from a single image	GUO, BAINING
11157657	Not Issued	30	06/21/2005	Texture montage	GUO, BAINING
11158428	Not Issued	20	06/22/2005	Large mesh deformation using the volumetric graph laplacian	GUO, BAINING
11166559	Not Issued	20	06/24/2005	Representing quasi-homogenous materials	GUO, BAINING
11174439	Not Issued	20	07/01/2005	Visual simulation of weathering by y-ton tracing	GUO, BAINING
11187507	7050058	150	07/22/2005	INTERACTIVE WATER EFFECTS USING TEXTURE COORDINATE SHIFTING	GUO, BAINING
11188955	Not Issued	20	07/25/2005	Noisy operating system user interface	GUO, BAINING
11189491	Not Issued	30	07/25/2005	Real-time rendering of partially translucent objects	GUO, BAINING

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Inventor Name Search Result

Your Search was:

Last Name = SHUM

First Name = HEUNG-YEUNG

Application#	Patent#	Status	Date Filed	Title	Inventor Name
08904921	5987164	150	08/01/1997	BLOCK ADJUSTMENT METHOD AND APPARATUS FOR CONSTRUCTION OF IMAGE MOSAICS	SHUM, HEUNG-YEUNG
08904922	6157747	150	08/01/1997	3-DIMENSIONAL IMAGE ROTATION METHOD AND APPARATUS FOR PRODUCING IMAGE MOSAICS	SHUM, HEUNG-YEUNG
08905023	6097854	150	08/01/1997	IMAGE MOSAIC CONSTRUCTION SYSTEM AND APPARATUS WITH PATCH-BASED ALIGNMENT, GLOBAL BLOCK ADJUSTMENT AND PAIR-WISE MOTION-BASED LOCAL WARPING	SHUM, HEUNG-YEUNG
08905099	6009190	150	08/01/1997	TEXTURE MAP CONSTRUCTION METHOD AND APPARATUS FOR DISPLAYING PANORAMIC IMAGE MOSAICS	SHUM, HEUNG-YEUNG
08905100	6018349	150	08/01/1997	PATCH-BASED ALIGNMENT METHOD AND APPARATUS FOR CONSTRUCTION OF IMAGE MOSAICS	SHUM, HEUNG-YEUNG
08905102	6044181	150	08/01/1997	FOCAL LENGTH ESTIMATION METHOD AND APPARATUS FOR CONSTRUCTION OF PANORAMIC MOSAIC IMAGES	SHUM, HEUNG-YEUNG
08905103	5986668	150	08/01/1997	DEGHOSTING METHOD AND APPARATUS FOR CONSTRUCTION OF IMAGE MOSAICS	SHUM, HEUNG-YEUNG
09099097	6246412	150	06/18/1998	INTERACTIVE CONSTRUCTION AND REFINEMENT OF 3D MODELS FROM MULTIPLE PANORAMIC IMAGES	SHUM, HEUNG-YEUNG
09099098	6271855	150	06/18/1998	INTERACTIVE CONSTRUCTION OF 3D MODELS FROM PANORAMIC IMAGES EMPLOYING HARD AND SOFT CONSTRAINT CHARACTERIZATION AND	SHUM, HEUNG-YEUNG

				DECOMPOSING TECHNIQUES	
<u>09099161</u>	<u>6084592</u>	150	06/18/1998	INTERACTIVE CONSTRUCTION OF 3D MODELS FROM PANORAMIC IMAGES	SHUM, HEUNG-YEUNG
<u>09160311</u>	<u>6469710</u>	150	09/25/1998	INVERSE TEXTURE MAPPING USING WEIGHTED PYRAMID BLENDING	SHUM, HEUNG-YEUNG
<u>09160898</u>	<u>6271847</u>	150	09/25/1998	INVERSE TEXTURE MAPPING USING WEIGHTED PYRAMID BLENDING AND VIEW-DEPENDENT WEIGHT MAPS	SHUM, HEUNG-YEUNG
<u>09222488</u>	Not Issued	164	12/28/1998	RENDERING WITH CONCENTRIC MOSAICS	SHUM, HEUNG-YEUNG
<u>09309753</u>	<u>6750860</u>	150	05/11/1999	RENDERING WITH CONCENTRIC MOSAICS	SHUM, HEUNG-YEUNG
<u>09336218</u>	<u>6661913</u>	150	06/19/1999	SYSTEM AND METHOD FOR DETERMINING STRUCTURE AND MOTION USING MULTIPLE SETS OF IMAGES FROM DIFFERENT PROJECTION MODELS FOR OBJECT MODELING	SHUM, HEUNG-YEUNG
<u>09336550</u>	<u>6614429</u>	150	06/19/1999	SYSTEM AND METHOD FOR DETERMINING STRUCTURE AND MOTION FROM TWO-DIMENSIONAL IMAGES FOR MULTI-RESOLUTION OBJECT MODELING	SHUM, HEUNG-YEUNG
<u>09338176</u>	Not Issued	83	06/22/1999	METHOD AND APPARATUS FOR RECOVERING A THREE-DIMENSIONAL SCENE FROM TWO-DIMENSIONAL IMAGES	SHUM, HEUNG-YEUNG
<u>09399426</u>	<u>6639596</u>	150	09/20/1999	STEREO RECONSTRUCTION FROM MULTIPERSPECTIVE PANORAMAS	SHUM, HEUNG-YEUNG
<u>09471678</u>	<u>6476805</u>	150	12/23/1999	TECHNIQUES FOR SPATIAL DISPLACEMENT ESTIMATION AND MULTI-RESOLUTION OPERATIONS ON LIGHT FIELDS	SHUM, HEUNG-YEUNG
<u>09471932</u>	<u>6502097</u>	150	12/23/1999	DATA STRUCTURE FOR EFFICIENT ACCESS TO VARIABLE-SIZE DATA OBJECTS	SHUM, HEUNG-YEUNG
<u>09482285</u>	<u>6593933</u>	150	01/13/2000	BLOCK-BASED SYNTHESIS OF TEXTURE IN COMPUTER RENDERED IMAGES	SHUM, HEUNG-YEUNG
<u>09483139</u>	<u>6532014</u>	150	01/13/2000	CLOTH ANIMATION MODELING	SHUM, HEUNG-YEUNG
<u>09506148</u>	<u>6674907</u>	150	02/17/2000	COLOR IMAGE QUANTIZATION USING A HIERARCHICAL COLOR PERCEPTION MODEL	SHUM, HEUNG-YEUNG

<u>09536485</u>	<u>6643413</u>	150	03/27/2000	MANIFOLD MOSAIC HOPPING FOR IMAGE-BASED RENDERING	SHUM, HEUNG-YEUNG
<u>09538067</u>	<u>6738533</u>	150	03/29/2000	MINIMUM SAMPLING RATE AND MINIMUM SAMPLING CURVE FOR IMAGE-BASED RENDERING	SHUM, HEUNG-YEUNG
<u>09560828</u>	Not Issued	164	04/28/2000	METHOD AND SYSTEM FOR RENDERING CONCENTRIC MOSAICS	SHUM, HEUNG-YEUNG
<u>09578574</u>	<u>6448973</u>	150	05/25/2000	VIRTUAL TEXTURE	SHUM, HEUNG-YEUNG
<u>09606857</u>	Not Issued	93	06/28/2000	SCENE CAPTURING AND VIEW RENDERING BASED ON A LONGITUDINALLY ALIGNED CAMERA ARRAY	SHUM, HEUNG-YEUNG
<u>09620533</u>	<u>6871166</u>	150	07/23/2000	KNITWEAR MODELING	SHUM, HEUNG-YEUNG
<u>09724207</u>	<u>6757446</u>	150	11/27/2000	SYSTEM AND PROCESS FOR IMAGE-BASED RELATIVISTIC RENDERING	SHUM, HEUNG-YEUNG
<u>09754101</u>	<u>6633317</u>	150	01/02/2001	IMAGE-BASED WALKTHROUGH SYSTEM AND PROCESS EMPLOYING SPATIAL VIDEO STREAMING	SHUM, HEUNG-YEUNG
<u>09754660</u>	<u>6760026</u>	150	01/02/2001	IMAGE-BASED VIRTUAL REALITY PLAYER WITH INTEGRATED 3D GRAPHICS OBJECTS	SHUM, HEUNG-YEUNG
<u>09844549</u>	<u>6888893</u>	150	04/28/2001	SYSTEM AND PROCESS FOR BROADCAST AND COMMUNICATION WITH VERY LOW BIT-RATE BI-LEVEL OR SKETCH VIDEO	SHUM, HEUNG-YEUNG
<u>09894435</u>	Not Issued	82	06/28/2001	System and method for prefetching of content using continual computation leveraging forecasts of users' trajectories or foci of attention through geometric spaces	SHUM, HEUNG-YEUNG
<u>09928257</u>	<u>6961058</u>	150	08/10/2001	MACROSTRUCTURE MODELING WITH MICROSTRUCTURE REFLECTANCE SLICES	SHUM, HEUNG-YEUNG
<u>09996323</u>	<u>6845171</u>	150	11/19/2001	AUTOMATIC SKETCH GENERATION	SHUM, HEUNG-YEUNG
<u>10017733</u>	<u>6985148</u>	150	12/13/2001	INTERACTIVE WATER EFFECTS USING TEXTURE COORDINATE SHIFTING	SHUM, HEUNG-YEUNG
<u>10056791</u>	<u>6762769</u>	150	01/23/2002	SYSTEM AND METHOD FOR REAL-TIME TEXTURE SYNTHESIS USING PATCH-BASED SAMPLING	SHUM, HEUNG-YEUNG
<u>10099348</u>	Not	71	03/14/2002	Dialog manager for interactive dialog	SHUM, HEUNG-

	Issued			with computer user	YEUNG
10099673	7019749	150	03/14/2002	CONVERSATIONAL INTERFACE AGENT	SHUM, HEUNG-YEUNG
10283562	6825850	150	10/30/2002	SYSTEM AND PROCESS FOR OPTIMAL TEXTURE MAP RECONSTRUCTION FROM MULTIPLE VIEWS	SHUM, HEUNG-YEUNG
10285138	7065530	150	10/30/2002	DATA STRUCTURE FOR EFFICIENT ACCESS TO VARIABLE-SIZE DATA OBJECTS	SHUM, HEUNG-YEUNG
10295570	Not Issued	95	11/15/2002	SYSTEM AND METHOD FOR FEATURE-BASED LIGHT FIELD MORPHING AND TEXTURE TRANSFER	SHUM, HEUNG-YEUNG
10299623	Not Issued	41	11/19/2002	System and method for synthesis of bidirectional texture functions on arbitrary surfaces	SHUM, HEUNG-YEUNG
10328215	Not Issued	93	12/21/2002	SYSTEM AND METHOD FOR REAL TIME LIP SYNCHRONIZATION	SHUM, HEUNG-YEUNG
10353102	Not Issued	41	01/27/2003	Learning-based system and process for synthesizing cursive handwriting	SHUM, HEUNG-YEUNG
10622630	Not Issued	93	07/18/2003	PLACING FEATHERS ON A SURFACE	SHUM, HEUNG-YEUNG
10623425	7042456	150	07/18/2003	MODELING AND RENDERING OF REALISTIC FEATHERS	SHUM, HEUNG-YEUNG
10660819	Not Issued	30	09/09/2003	System and process for generating representations of objects using a directional histogram model and matrix descriptor	SHUM, HEUNG-YEUNG
10684773	Not Issued	83	10/14/2003	Geometry-driven feature point-based image synthesis	SHUM, HEUNG-YEUNG

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Application#	Patent#	Status	Date Filed	Title	Inventor Name
10687098	Not Issued	61	10/15/2003	Bi-scale radiance transfer	SHUM, HEUNG-YEUNG
10698792	Not Issued	93	10/31/2003	SYNTHESIS OF PROGRESSIVELY-VARIANT TEXTURES AND APPLICATION TO ARBITRARY SURFACES	SHUM, HEUNG-YEUNG
10698909	Not Issued	30	10/31/2003	View dependent displacement mapping	SHUM, HEUNG-YEUNG
10809167	Not Issued	30	03/23/2004	Radiometric calibration from a single image	SHUM, HEUNG-YEUNG
10812754	Not Issued	30	03/29/2004	Caricature exaggeration	SHUM, HEUNG-YEUNG
10814851	Not Issued	30	03/31/2004	Stylization of video	SHUM, HEUNG-YEUNG
10817008	Not Issued	30	04/01/2004	Digital cameras with luminance correction	SHUM, HEUNG-YEUNG
10817471	Not Issued	30	04/01/2004	Generic image hallucination	SHUM, HEUNG-YEUNG
10817516	Not Issued	30	04/01/2004	Pop-up light field	SHUM, HEUNG-YEUNG
10817633	Not Issued	30	04/01/2004	Luminance correction	SHUM, HEUNG-YEUNG
10850653	Not Issued	20	05/21/2004	Knitwear modeling	SHUM, HEUNG-YEUNG
10875741	6985156	150	06/23/2004	SYSTEM AND PROCESS FOR OPTIMAL TEXTURE MAP RECONSTRUCTION FROM MULTIPLE VIEWS	SHUM, HEUNG-YEUNG
10882926	Not Issued	30	06/30/2004	Dynamic player groups for interest management in multi-character virtual environments	SHUM, HEUNG-YEUNG
10898435	Not Issued	25	07/23/2004	Shell texture functions	SHUM, HEUNG-YEUNG
10901477	Not Issued	30	07/27/2004	System and method for interactive multi-view video	SHUM, HEUNG-YEUNG
10911394	Not	30	08/04/2004	Mesh editing with gradient field	SHUM, HEUNG-

	Issued			manipulation and user interactive tools for object merging	YEUNG
<u>10912923</u>	Not Issued	30	08/06/2004	Systems and methods for image data separation	SHUM, HEUNG-YEUNG
<u>10918840</u>	Not Issued	30	08/13/2004	Perceptually based approach for planar shape morphing	SHUM, HEUNG-YEUNG
<u>10931769</u>	Not Issued	30	08/31/2004	System and process for broadcast and communication with very low bit-rate bi-level or sketch video	SHUM, HEUNG-YEUNG
<u>10932555</u>	Not Issued	41	09/01/2004	Adaptive color schemes	SHUM, HEUNG-YEUNG
<u>10951272</u>	<u>7061489</u>	150	09/27/2004	PRECOMPUTED RADIANCE TRANSFER FOR RENDERING OBJECTS	SHUM, HEUNG-YEUNG
<u>10957037</u>	Not Issued	30	10/01/2004	Presentation facilitation	SHUM, HEUNG-YEUNG
<u>10965603</u>	Not Issued	30	10/13/2004	Real-time texture rendering using generalized displacement maps	SHUM, HEUNG-YEUNG
<u>10970233</u>	Not Issued	30	10/21/2004	Scene capturing and view rendering based on a longitudinally aligned camera array	SHUM, HEUNG-YEUNG
<u>10970511</u>	Not Issued	30	10/21/2004	Scene capturing and view rendering based on a longitudinally aligned camera array	SHUM, HEUNG-YEUNG
<u>10972645</u>	Not Issued	30	10/25/2004	Method and system for rendering concentric mosaics	SHUM, HEUNG-YEUNG
<u>10983193</u>	<u>6999095</u>	150	11/05/2004	SYSTEM AND PROCESS FOR OPTIMAL TEXTURE MAP RECONSTRUCTION FROM MULTIPLE VIEWS	SHUM, HEUNG-YEUNG
<u>10990142</u>	Not Issued	30	11/15/2004	System and method for generating generalized displacement maps from mesostructure geometries	SHUM, HEUNG-YEUNG
<u>10990244</u>	Not Issued	30	11/15/2004	Optimizing real-time rendering of texture mapped object models relative to adjustable distortion thresholds	SHUM, HEUNG-YEUNG
<u>10995986</u>	<u>6980936</u>	150	11/20/2004	KNITWEAR MODELING	SHUM, HEUNG-YEUNG
<u>10997401</u>	<u>7039216</u>	150	11/24/2004	AUTOMATIC SKETCH GENERATION	SHUM, HEUNG-YEUNG
<u>11000607</u>	Not Issued	93	12/01/2004	MACROSTRUCTURE MODELING WITH MICROSTRUCTURE REFLECTANCE SLICES	SHUM, HEUNG-YEUNG
<u>11045868</u>	Not Issued	30	01/28/2005	Decorating surfaces with textures	SHUM, HEUNG-YEUNG
<u>11051901</u>	Not Issued	30	02/04/2005	System and process for broadcast and communication with very low bit-rate bi-	SHUM, HEUNG-YEUNG

				level or sketch video	
11064927	Not Issued	30	02/24/2005	Macrostructure modeling with microstructure reflectance slices	SHUM, HEUNG-YEUNG
11113208	Not Issued	41	04/22/2005	Interactive water effects using texture coordinate shifting	SHUM, HEUNG-YEUNG
11132865	Not Issued	20	05/19/2005	Detecting doctored images using camera response normality and consistency	SHUM, HEUNG-YEUNG
11147921	Not Issued	20	06/08/2005	Pre-computed shadow fields	SHUM, HEUNG-YEUNG
11156988	Not Issued	20	06/20/2005	Radiometric calibration from a single image	SHUM, HEUNG-YEUNG
11157657	Not Issued	30	06/21/2005	Texture montage	SHUM, HEUNG-YEUNG
11158113	Not Issued	20	06/21/2005	Image completion with structure propagation	SHUM, HEUNG-YEUNG
11158428	Not Issued	20	06/22/2005	Large mesh deformation using the volumetric graph laplacian	SHUM, HEUNG-YEUNG
11166559	Not Issued	20	06/24/2005	Representing quasi-homogenous materials	SHUM, HEUNG-YEUNG
11173882	Not Issued	20	07/01/2005	Video object cut and paste	SHUM, HEUNG-YEUNG
11173892	Not Issued	30	07/01/2005	Generating Chinese language couplets	SHUM, HEUNG-YEUNG
11174439	Not Issued	20	07/01/2005	Visual simulation of weathering by y-ton tracing	SHUM, HEUNG-YEUNG
11183226	Not Issued	20	07/15/2005	Poisson matting for images	SHUM, HEUNG-YEUNG
11187507	7050058	150	07/22/2005	INTERACTIVE WATER EFFECTS USING TEXTURE COORDINATE SHIFTING	SHUM, HEUNG-YEUNG
11189491	Not Issued	30	07/25/2005	Real-time rendering of partially translucent objects	SHUM, HEUNG-YEUNG
11192639	Not Issued	30	07/28/2005	System and process for optimal texture map reconstruction from multiple views	SHUM, HEUNG-YEUNG

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Last Name = SHUM

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Application#	Patent#	Status	Date Filed	Title	Inventor Name
11196893	Not Issued	20	08/04/2005	Conversational interface agent	SHUM, HEUNG-YEUNG
11240878	Not Issued	41	09/30/2005	Synthesis of progressively-variant textures and application to arbitrary surfaces	SHUM, HEUNG-YEUNG
11277935	Not Issued	30	03/29/2006	SHELL RADIANCE TEXTURE FUNCTION	SHUM, HEUNG-YEUNG
11277938	Not Issued	25	03/29/2006	CAPTURING AND RENDERING GEOMETRIC DETAILS	SHUM, HEUNG-YEUNG
11289907	Not Issued	20	11/30/2005	Symmetric stereo model for handling occlusion	SHUM, HEUNG-YEUNG
11290135	Not Issued	30	11/30/2005	Real-time Bayesian 3D pose tracking	SHUM, HEUNG-YEUNG
11323007	Not Issued	20	12/30/2005	Data structure for efficient access to variable-size data objects	SHUM, HEUNG-YEUNG
11323358	Not Issued	25	12/30/2005	Non-photorealistic sketching	SHUM, HEUNG-YEUNG
11380635	Not Issued	25	04/27/2006	Bi-Directional Tracking Using Trajectory Segment Analysis	SHUM, HEUNG-YEUNG
11434567	Not Issued	19	05/15/2006	Object matting using flash and no-flash images	SHUM, HEUNG-YEUNG
11435122	Not Issued	20	05/16/2006	System and method for real time lip synchronization	SHUM, HEUNG-YEUNG
60132607	Not Issued	159	05/05/1999	MULTI-RESOLUTION OBJECT MODELING SYSTEM AND METHOD FOR DETERMINING STRUCTURE AND MOTION FROM TWO-DIMENSIONAL IMAGES	SHUM, HEUNG-YEUNG
60260103	Not Issued	159	01/05/2001	System and process for broadcast and communication with very low bit rate bi-level video	SHUM, HEUNG-YEUNG
60344184	Not Issued	159	12/28/2001	Conversational interface agent	SHUM, HEUNG-YEUNG
60344289	Not Issued	159	12/28/2001	Dialog manager for interactive dialog with computer user	SHUM, HEUNG-YEUNG
60478689	Not	159	06/13/2003	System and process for generating	SHUM, HEUNG-YEUNG

	Issued			representations of 3D objects using a directional histogram model and matrix descriptor	
60580780	Not Issued	159	06/18/2004	Real-time texture rendering using generalized displacement maps	SHUM, HEUNG-YEUNG
60727024	Not Issued	20	10/13/2005	Automatic 3D face modeling from video	SHUM, HEUNG-YEUNG
60727119	Not Issued	20	10/14/2005	Bi-directional tracking using trajectory analysis	SHUM, HEUNG-YEUNG
60732384	Not Issued	20	11/01/2005	Sketching reality	SHUM, HEUNG-YEUNG
60743024	Not Issued	20	12/09/2005	Background Cut	SHUM, HEUNG-YEUNG
60743367	Not Issued	20	02/28/2006	Background Cut	SHUM, HEUNG-YEUNG
60743503	Not Issued	20	03/16/2006	Digital Effects for Online Video Chat	SHUM, HEUNG-YEUNG

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